

Title (en)
SYSTEM AND METHOD FOR CONTROLLING SPOOLING OF LINEAR MATERIAL

Title (de)
SYSTEM UND VERFAHREN ZUM GESTEUERTEN SPULEN VON LINEAREM MATERIAL

Title (fr)
SYSTEME ET PROCEDE DE COMMANDE D'ENROULEMENT D'UN MATERIAU LINEAIRE

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Abstract (en)
[origin: US2006000936A1] Preferred embodiments of the invention comprise an automatic reel capable assisting a user when attempting to unspool a linear material, such as a water hose. The automatic reel includes a control system having a motor controller capable of sensing a pulling of, or increased tension of, the linear material and capable of causing a motor to rotate to unspool the linear material. In certain embodiments, the motor controller tracks the length of the unspooled portion of the linear material and/or reduces the spooling speed of the motor when retracting a terminal portion of the linear material.

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